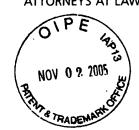


## Sterne Kessler Goldstein Fox



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November 2, 2005

WRITER'S DIRECT NUMBER: (202) 772-8591 INTERNET ADDRESS: IMILLS@SKGF.COM

Art Unit 1636

Mail Stop: Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Appl. No. 10/629,859; Filed: July 30, 2003

For: Ro Inventor:

Reverse Transcription or: Gary F. GERARD

Our Ref:

0942.5530002/RWE/JKM

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Information Disclosure Statement Filing Under 37 C.F.R. § 1.97(b);
- 2. List of cited references on Form PTO/SB/08A (3 sheets);
- 3. List of cited references on Form PTO/SB/08B (1 sheet);
- 4. Copies of references NPL7 and NPL8 listed on Form PTO/SB/08B (2 documents); and
- 5. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox P.L.C.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents November 2, 2005 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey K. Mills
Agent for Applicant
Registration No. 56,413

RWE/JKM:bac Enclosures

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gary F. GERARD

Appl. No.: 10/629,859

Filed: July 30, 2003

For: Reverse Transcription

Confirmation No.: 6152

Art Unit: 1636

Examiner: Riggins, P.

Atty. Docket: 0942.5530002/RWE/JKM

## Information Disclosure Statement Filing Under 37 C.F.R. § 1.97(b)

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Forms PTO/SB/08A and PTO/SB/08B are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents NPL7 and NPL8 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents and patent application publications, documents US1-US51, cited on the attached Form PTO/SB/08A are not submitted.

In addition, copies of documents NPL1-NPL6 are not provided in accordance with the U.S. Patent and Trademark Office OG notice of October 19, 2004, which states: "the requirement in 37 C.F.R. § 1.98(a)(2)(iii) for a legible copy of the specification, including the claims, and drawings of each cited pending U.S. patent application (or portion of the application which caused it to be listed) is sua sponte waived where the cited pending application is stored in the USPTO's IFW system."

The Examiner's attention is directed to the following co-pending U.S. Patent Applications, which are directed to related technical subject matter:

Application No. 09/515,513, inventors Li, W.-B., et al., filed February 29, 2000, now published as 2002/0028447 A1, cited herein as document US33;

Application No. 09/948,714, inventors Astatke, M. and Gebeyehu, G., filed September 10, 2001, now published as 2002/0037834 A1, cited herein as document US34;

Application No. 09/845,157, inventors Smith, M.D., et al., filed May 1, 2001, now published as 2002/0090618 A1, cited herein as document US35;

Application No. 09/808,124, inventors Potter, R.J. and Rosenthal, K., filed March 15, 2001, now published as 2003/0003452 A1, cited herein as document US36;

Application No. 10/024,131, inventors Kotewicz, M.L. and Gerard, G.F., filed December 21, 2001, now published as 2003/0027313 A1, cited herein as document US37;

Application No. 09/064,057, inventors Gerard, G.F., et al., filed April 22, 1998, now published as 2003/0032086 A1, cited herein as document US38;

Application No. 10/024,149, inventors Kotewicz, M.L. and Gerard, G.F., filed December 21, 2001, now published as 2003/0039988 A1, cited herein as document US39;

Application No. 10/292,604, inventors Gerard, G.F., et al., filed November 13, 2002, now published as 2003/0186270 A1, cited herein as document **US40**;

Application No. 10/405,608, inventors Gruber, C.E. and Shih, P.-J., filed April 3, 2003, now published as 2003/0190661 A1, cited herein as document **US41**;

Application No. 10/292,662, inventors Gerard, G.F., et al., filed November 13, 2003, now published as 2003/0198944 A1, cited herein as document US42;

Application No. 10/640,662, inventor Huhes, Jr., A.J., filed August 14, 2003, now published as 2004/0033579 A1, cited herein as document US43;

Application No. 10/655,579, inventors Park, K. and Lee, J.E., filed September 5, 2003, now published as 2004/0126789 A1, cited herein as document **US44**;

Application No. 10/629,859, inventor Gerard, G.F., filed July 30, 2003, now published as 2004/0152072 A1, cited herein as document US45;

Application No. 10/816,886, inventors Gruber, C.E. and Jessee, J.A., filed April 5, 2004, now published as 2004/0185493 A1, cited herein as document **US46**;

Application No. 10/661,819, inventors Smith, M.D., et al., filed September 15, 2003, now published as 2004/0209276 A1, cited herein as document US47;

Application No. 10/861,469, inventors Lee, J.E. and Rashtchian, A., filed June 7, 2004, now published as 2004/0219595 A1, cited herein as document US48;

Application No. 10/821,128, inventors Lee, J.E. and Zheng, W., filed April 9, 2004, now published as 2004/0265870 A1, cited herein as document US49;

Application No. 10/899,139, inventors Li, W.-B., et al., filed July 27, 2004, now published as 2004/0265969 A1, cited herein as document US50;

Application No. 11/007,184, inventors Astatke, M., et al., filed December 9, 2004, now published as 2005/0089922 A1, cited herein as document US51;

Application No. 09/570,526, inventors Astatke, M., et al., filed May 12, 2000, not yet published, cited herein as document NPL1;

Application No. 09/677,574, inventors Yang, S. and Chatterjee, D.K., filed October 3, 2000, not yet published, cited herein as document **NPL2**;

Application No. 09/725,897, inventors Goldsborough, M.D. and Fox, D.K., filed November 30, 2000, not yet published, cited herein as document **NPL3**;

Application No. 10/970,280, inventors Kotewicz, M.L. and Gerard, G.F., filed October 22, 2004, not yet published, cited herein as document **NPL4**;

Application No. 10/929,791, inventors Kotewicz, M.L. and Gerard, G.F., filed August 31, 2004, not yet published, cited herein as document NPL5; and

Application No. 11/212,807, inventor Hughes, Jr., A.J., filed August 29, 2005, not yet published, cited herein as document **NPL6**;

The identification of these U.S. Patent Applications is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicant has listed publication dates on the attached Form PTO/SB/08A and Form PTO/SB/08B based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return copies of the enclosed Form PTO/SB/08A and Form PTO/SB/08B, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey K. Mills

Agent for Applicant Registration No. 56,413

Date: November 2, 2005

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

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Complete if Known Substitute for form 14454 10/629,859 Application Number July 30, 2003 Filing Date INFORMATION DISCLOSURE Gary F. GERARD First Named Inventor STATEMENT BY APPLICANT 1636 Art Unit (Use as many sheets as necessary) Examiner Name Riggins, P. 0942.5530002/RWE/JKM Attorney Docket Number of 3 Sheet

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			U.S. PATENT DO	OCUMENTS	
Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages
iiitiais	No.	Number-Kind Code <sup>2 (If Known)</sup>		••	or Relevant Figures Appea
	US1	4,748,233	05/31/1988	Sloma	
	US2	4,889,818	12/26/1989	Gelfand et al.	
	US3	4,965,188	10/23/1990	Mullis et al.	
	US4	5,017,492	05/21/1991	Kotewicz et al.	
	US5	5,219,989	06/15/1993	Sonenberg et al.	
	US6	5,244,797	09/14/1993	Kotewicz et al.	
	US7	5,338,671	08/16/1994	Scalice et al.	
	US8	5,374,553	12/20/1994	Gelfand et al.	
	US9	5,405,776	04/11/1995	Kotewicz et al.	
	US10	5,587,287	12/24/1996	Scalice et al.	
	US11	5,595,895	01/21/1997	Miki et al.	•
	US12	5,668,005	09/16/1997	Kotewicz et al.	
	US13	5,824,875	10/20/1998	Ranu	
	US14	5,985,619	11/16/1999	Sutherland et al.	
	US15	5,989,819	11/23/1999	Odawara	
	US16	6,013,488	01/11/2000	Hayashizaki	
	US17	6,063,608	05/16/2000	Kotewicz et al.	
<del></del>	US18	6,096,877	08/01/2000	Vlasuk et al.	
	US19	6,103,473	08/15/2000	Copeland and Wang	
	US20	6,140,086	10/31/2000	Fox et al.	
	US21	6,143,528	11/07/2000	Hayashizaki	

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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)			Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO 10/629,859 Application Number July 30, 2003 Filing Date INFORMATION DISCLOSURE Gary F. GERARD First Named Inventor STATEMENT BY APPLICANT 1636 Art Unit (Use as many sheets as necessary) Riggins, P. **Examiner Name** 0942.5530002/RWE/JKM Attorney Docket Number 2 of Sheet

			U.S. PATENT DO	CUMENTS	Pages, Columns, Lines,
Examiner	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
Initials*	NO.	Number-Kind Code <sup>2 (If Known)</sup>			or Relevant Figures Appear
	US22	6,187,544	02/13/2001	Bergsma et al.	
	US23	6,495,350 B1	12/17/2002	Lee and Rashtchian	
	US24	6,518,019 B2	02/11/2003	Gerard et al.	
	US25	6,589,737 B1	07/08/2003	Gruber and Shih	
	US26	6,589,768 B1	07/08/2003	Kotewicz and Gerard	
	US27	6,610,522 B1	08/26/2003	Kotewicz and Gerard	
	US28	6,630,333 B1	10/07/2003	Hughes, Jr.	
	US29	6,767,724 B2	07/27/2004	Lee and Rashtchian	
	US30	6,787,305 B1	09/07/2004	Li et al.	
	US31	6,830,902 B1	12/14/2004	Astatke et al.	
	US32	6,835,561 B1	12/28/2004	Gerard et al.	
	US33	2002/0028447 A1	03/07/2002	Li et al.	
	+	2002/0037834 A1	03/28/2002	Astatke and Gebeyehu	
	US34	2002/0090618 A1	07/11/2002	Smith et al.	
	US35	2003/0003452 A1	01/02/2003	Potter and Rosenthal	
	US36	2003/0003432 A1	02/06/2003	Kotewicz and Gerard	
	US37	2003/0027313 A1 2003/0032086 A1	02/13/2003	Gerard et al.	
	US38	2003/0032080 A1 2003/0039988 A1	02/27/2003	Kotewicz and Gerard	
	US39	2003/0039988 A1 2003/0186270 A1	10/02/2003	Gerard et al.	
ļ	US40_		10/02/2003	Gruber and Shih	
l	US41	2003/0190661 A1	10/07/2005		

			FOREIGN PATENT DO	Name of Patentee or	Pages, Columns,	
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code* Number*  Kind Code* (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Lines, Where Relevant Passages or Relevant Figures Appear	Τ°
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Substitute f	or torm	1443/11	,		Application Number	10/629,859	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	July 30, 2003	
INFOR					First Named Inventor	Gary F. GERARD	
STATE					Art Unit	1636	
1	(Use as many sheets as necessary)  Sheet 3 of 3			ecessary)	Examiner Name	Riggins, P.	
					Attorney Docket Number	0942.5530002/RWE/JKM	

			U.S. PATENT DO	CUMENTS	Pages, Columns, Lines,
Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages
Initials*	No. <sup>1</sup>	Number-Kind Code <sup>2 (If Known)</sup>			or Relevant Figures Appear
	US42	2003/0198944 A1	10/23/2003	Gerard et al.	
	US43	2004/0033579 A1	02/19/2004	Hughes, Jr.	
	US44	2004/0126789 A1	07/01/2004	Park and Lee	
	US45	2004/0152072 A1	08/05/2004	Gerard	
	US46	2004/0185493 A1	09/23/2004	Gruber and Jessee	
	US47	2004/0209276 A1	10/21/2004	Smith et al.	
	US48	2004/0219595 A1	11/04/2004	Lee and Rashtchian	
	US49	2004/0265870 A1	12/30/2004	Lee and Zheng	
	US50	2004/0265969 A1	12/30/2004	Li et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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Substitute for form 1449/PTO	Complete if Known				
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INFORMATION DISCLOSURE		Filing Date	July 30, 2003		
INFORM	INFORMATION DISCLOSURE		LUSURE	First Named Inventor	Gary F. GERARD
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Art Unit	1636			
	s necessary)	Examiner Name	Riggins, P.		
				Attorney Docket Number	0942.5530002/RWE/JKM
Sheet	1_1	of	<u>_</u>	7	

Examiner Initials*	Cite No. <sup>1</sup>	NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	NPL1	Co-pending U.S. Application No. 09/570,526, Astatke, M., et al., filed May 12, 2000 (NOT PUBLISHED)	
	NPL2	Co-pending U.S. Application No. 09/677,574, Yang, S. and Chatterjee, D.K., filed October 3, 2000 (NOT PUBLISHED)	
	NPL3	Co-pending U.S. Application No. 09/725,897, Goldsborough, M.D. and Fox, D.K., filed November 30, 2000 (NOT PUBLISHED)	
	NPL4	Co-pending U.S. Application No. 10/970,280, Kotewicz, M.L., and Gerard, G.F., filed October 22, 2004 (NOT PUBLISHED)	
	NPL5	Co-pending U.S. Application No. 10/929,791, Kotewicz, M.L., and Gerard, G.F., filed August 31, 2004 (NOT PUBLISHED)	
	NPL6	Co-pending U.S. Application No. 11/212,807, Hughes, Jr., A.J., filed August 29, 2005 (NOT PUBLISHED)	
	NPL7	Myers, T.W. and Gelfand, D.H., "Reverse Transcription and DNA Amplification by a <i>Thermus thermophilus</i> DNA Polymerase," <i>Biochemistry</i> 30:7661-7666, American Chemical Society (1991)	
	NPL8	TaqStart <sup>™</sup> Antibody and TthStart <sup>™</sup> Antibody General PCR Product Information Sheet, Clonetech 1996-1997 Catalog, p. 41	

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Examiner Signature	Date Considered  *** NPSP 600 Praw line through citation if not in conformance and

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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¹ This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, unique gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any including gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information of the provided the